

Anomaly Detection Report

Model: isolation_forest

Source File: synthetic_logs_test_500_new.csv

Total Anomalies Found: 22

Anomaly #6 (Score/Error: -0.0158)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 500 | Bytes: - | IP: 10.21.196.228

Reason: This log entry is anomalous because it shows a high response time (feature analysis value of -1.3545) and a server error status (Status: 500) for a POST request to a specific endpoint.

Anomaly #91 (Score/Error: -0.0103)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 500 | Bytes: - | IP: 10.189.22.211

Reason: This log entry is anomalous because it has a status code of 500, indicating a server error, along with negative values for response time and bytes, suggesting unusual or unexpected behavior for this request.

CRITICAL Anomaly #143 (Score/Error: -0.0220)

Request: GET /dashboard/stats HTTP/1.1
Status: 503 | Bytes: - | IP: 10.254.224.143

Reason: This log entry is anomalous because the response status code is 503, indicating that the request to access the stats dashboard was unsuccessful.

Anomaly #145 (Score/Error: -0.0014)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 500 | Bytes: - | IP: 10.242.241.4

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #155 (Score/Error: -0.0109)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 500 | Bytes: - | IP: 10.232.226.242

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #172 (Score/Error: -0.0175)

Request: GET /dashboard/stats HTTP/1.1
Status: 503 | Bytes: - | IP: 10.175.61.112

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #184 (Score/Error: -0.0209)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 503 | Bytes: - | IP: 10.10.124.158

Anomaly Detection Report

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #191 (Score/Error: -0.0067)

Request: GET /favicon.ico HTTP/1.1
Status: 500 | Bytes: - | IP: 10.160.177.47

Reason: Classified as anomaly primarily due to 'response_time' pattern.

Anomaly #210 (Score/Error: -0.0041)

Request: GET /dashboard/stats HTTP/1.1
Status: 500 | Bytes: - | IP: 10.242.136.244

Reason: Classified as anomaly primarily due to 'response_time' pattern.

Anomaly #213 (Score/Error: -0.0051)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 500 | Bytes: - | IP: 10.25.81.158

Reason: Classified as anomaly primarily due to 'status' pattern.

CRITICAL Anomaly #240 (Score/Error: -0.0327)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 204 | Bytes: - | IP: 10.147.120.32

Reason: Classified as anomaly primarily due to 'response_time' pattern.

Anomaly #258 (Score/Error: -0.0218)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 503 | Bytes: - | IP: 10.2.231.200

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #336 (Score/Error: -0.0141)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 500 | Bytes: - | IP: 10.236.169.131

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #343 (Score/Error: -0.0188)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 204 | Bytes: - | IP: 10.195.155.50

Reason: Classified as anomaly primarily due to 'response_time' pattern.

Anomaly #357 (Score/Error: -0.0126)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 500 | Bytes: - | IP: 10.64.144.18

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly Detection Report

Anomaly #365 (Score/Error: -0.0098)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 404 | Bytes: - | IP: 10.41.79.10

Reason: Classified as anomaly primarily due to 'response_time' pattern.

Anomaly #371 (Score/Error: -0.0158)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 500 | Bytes: - | IP: 10.163.35.89

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #404 (Score/Error: -0.0140)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 500 | Bytes: - | IP: 10.241.229.72

Reason: Classified as anomaly primarily due to 'status' pattern.

CRITICAL Anomaly #414 (Score/Error: -0.0304)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.126.170.69

Reason: Classified as anomaly primarily due to 'response_time' pattern.

Anomaly #442 (Score/Error: -0.0113)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 500 | Bytes: - | IP: 10.211.184.25

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #446 (Score/Error: -0.0140)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 500 | Bytes: - | IP: 10.229.48.193

Reason: Classified as anomaly primarily due to 'status' pattern.

Anomaly #452 (Score/Error: -0.0003)

Request: GET /favicon.ico HTTP/1.1
Status: 503 | Bytes: - | IP: 10.64.53.123

Reason: Classified as anomaly primarily due to 'status' pattern.
